

URBAN DISTRICT COUNCIL  
OF  
ESHER AND THE DITTONS.

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SIXTEENTH

**Annual Report**  
OF THE  
Medical Officer of Health

For the Year 1910.

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# ANNUAL REPORT

OF THE

## MEDICAL OFFICER OF HEALTH.

THAMES DITTON, SURREY.

March, 1911.

*To the Chairman and Members of the Urban District  
Council of Esher and the Dittons.*

GENTLEMEN,

I have the honour to present my sixteenth Annual Report on the health and sanitary condition of the District for the year ending December 31st, 1910. This report is made in accordance with the Order of the Local Government Board, dated March 3rd, 1901, and copies will be forwarded by me to the Local Government Board, the Surrey County Council, and the Home Office, the latter being sent in accordance with Section 132 of the Factories and Workshops Act, 1901.

### VITAL STATISTICS.

I estimate that the population of the District at the middle of 1910 was 11,835; this is calculated on the supposition that the rate of increase was the same during the past nine years that it had been between the years 1891 and 1901, but it is almost certain that this figure is too small. Another way of making this estimate is to add the number of new houses that have been built to those which were found to be in the District at the time of the last Census, and multiply this by the average number of persons living in a house at that time, and I find that,

allowing for at least 100 empty houses, the probable number of inhabitants would be about 14,729, and I expect that when the Census figures are available this will be found to be a more accurate estimate.

The number of "deaths at all ages" registered in the District was 98, or a rate of 8·28 for 1,000 living in a population of 11,835. In order to get the corrected rate it is necessary to add to the number 98 the deaths of those who belonged to the District, but who died beyond its borders, and these numbered 19, giving a total of 117, or a rate of 9·8 per 1,000. This is the same rate as that of the year 1895, and is much below that for England and Wales for last year, which was 13·4 per 1,000, which is lower than any other year on record.

The number of deaths among children under the age of one year was 18, or a mortality figure of 70·8 per 1,000 births registered. The infant mortality figure for England and Wales for last year was 106, which is 3 per 1,000 below the rate in 1909, and shows a decrease of 26 per 1,000 on the average in the ten years 1900-1909.

During the year 254 births were registered, or a rate of 21·4 per 1,000 living. The birth-rate for England and Wales was 24·8 per 1,000, the lowest on record.

There were nine deaths recorded as being due to infectious disease, giving a zymotic death-rate of ·76 per 1,000. The nine deaths mentioned under this class were six from diphtheria, two from scarlet fever, and one from diarrhœa. No deaths were caused by measles or whooping cough, both of which are so often fatal among the younger children of the poor.

The Council has not seen any need to adopt the Notification of Births Act, as in such a District as this, which is largely residential, there is not the same need for the supervision of the early days of new-born children, and the adoption of the Act would not be of much good unless there were a Health Visitor appointed.

In so small a number of births it was thought that there would not be enough work for such a Visitor to do, and neither is there any other work that could be put under the charge of this official.

The number of deaths from phthisis was 7, one less than last year, and corresponds to a rate of nearly '6 per 1,000. The phthisis death-rate for the whole country is usually about 1'6 per 1,000.

Nine deaths were registered as caused by other diseases of the respiratory organs, and 14 as being due to cancer, which is rather more than the average for the ten years ending 1908, which was 9'4.

### SANITARY CONDITION OF DISTRICT.

Systematic attention has been given during the whole of the year to the houses occupied by the working classes, by regular inspection of the District, and special inspections which have been made on the receipt of any complaints. In this way a very large number of small defects are discovered and dealt with, with the result that it is rarely necessary to deal with a serious nuisance. The houses provided for the working class are quite sufficient for the number of people wanting them, and have ample air space both in front and at the back, as a general rule. The rents charged for the newer cottages are high, ranging from 7s. 6d. to 12s. per week, and in many cases this is more than the tenants can afford, with the result that it is necessary for the occupier to take in lodgers, and in this manner to raise the amount to meet the weekly rent. Some cases have come to my notice where there have been two tenants in one house; by this I mean that the landlord has let the house to two separate parties and collects the rent from each. The houses are designed for one family only, and consequently there are often complaints as to overcrowding or other insanitary condition which have to be remedied, and if this practice were to increase I should be obliged to advise the Council to take steps to

obtain additional powers or bye-laws in order to get structural alterations made which would make the houses suitable for occupation by two separate families.

The spaces round cottages are kept in a cleanly state, and when there are any signs of neglect it is usually only necessary to ask for attention to the matter and it is at once put right.

In many cases fowls or other animals are kept in small cottage gardens, and these have received special attention, but here, again, a request is all that is necessary to produce amendment in this respect.

The erection of all new houses is supervised by the Surveyor and his staff, who take every care to see that the requirements of the bye-laws regulating the construction, etc., of new houses are properly complied with. During the nine years ending 1910, 1,205 new houses have been built. I did not find it necessary during the year to advise any action to be taken under the Housing of the Working Classes Act, Parts I., II., or III. After some correspondence the owner of a cottage on the Brickfields at Claygate closed the dwelling, as it was in such bad repair as to be unfit for occupation. As a general rule the houses occupied by the working classes are well kept, and requests for repairs or amendments are promptly attended to; but there are one or two owners who are by no means quick to give these letters due attention.

The Housing and Town Planning Act, 1909, came into force in December, 1909, and during the last quarter of the year inspections have been made in parts of the District to ascertain whether there are any houses which are unfit for habitation. For this purpose, 58 houses have been inspected, and in one instance I advised the Council that it would be necessary to make a closing order, but the owner when asked to express his views on the subject explained that he intended re-building the

cottages in which the one in question was included, and has agreed that the house shall be vacated at an early date. In many other cases defects were found, such as leaky roofs, damp places in the walls, unpaved yards, defective eaves guttering, which have been dealt with; these defects are not of so grave a nature as to render the houses unfit for occupation, but in having them remedied the houses are rendered much more healthy.

|                                |     |    |
|--------------------------------|-----|----|
| Number of houses inspected ... | ... | 58 |
| Number of re-inspections made  | ... | 87 |

At the end of the report I have placed a list of the registered cowkeepers and milksellers in the district. The premises occupied by each of these are regularly inspected to ensure their being kept in a clean and wholesome state, and the periodic limewashing which is prescribed in the Bye-laws is carefully attended to.

A quarterly inspection of all the milch cows is made by the Council's veterinary surgeon, who submits a report after each inspection. As a result of these reports an animal is found now and then to be suffering from tubercular disease of the udder, and the owner is warned as to its condition, and told that its milk cannot be longer used for human food. As a general rule these beasts are taken away, and slaughtered in London, where the carcase is subjected to rigorous examination before being used as food. In spite of these precautions I feel that there is a possible danger of tuberculous milk being sold as a large part of the milk used is imported into the district, and it may be from places where little or no care is taken to safeguard the milk from tubercular infection. I think it would be well if it could be arranged for samples of milk to be taken for bacteriological examination, to ascertain whether tubercle bacilli could be detected in it.

The bakehouses throughout the District are under frequent inspection, and are kept in a cleanly and whole-

some state, and the requirements of the various laws are complied with. There is one "underground" bake-house, but it is always well kept, and it has not been necessary to take any action with regard to its structure or condition.

The nine slaughter-houses in the District are kept under regular inspection, and are also visited at chance periods. They are all kept in a clean condition, and the occupiers do all in their power to insure their being always in a wholesome state. It has never been found necessary to put in force the powers under the Public Health Act, 1875, etc., to register and license these buildings.

Of the supply of meat the larger part is brought into the District ready prepared for use, and has been subjected to inspection in the meat markets, and in the case of foreign meat imported, this also is rigorously examined before it reaches the retail dealer.

With regard to "home killed" meat this is inspected by the Sanitary Inspector, who holds the diploma of the Sanitary Institute, having passed the examinations qualifying him to be an inspector of meat. In all cases a strong point is made of the condition of the store in which meat is kept, and this is frequently of greater importance than the actual state of the shop which is under the eye of every customer. These inspections are made regularly and at times without any previous intimation that such visit is going to be made. The same practice is observed with regard to any other places where food is stored in any quantity, such as grocers, green-grocers, fishmongers, and fruiterers.

It has not been necessary to take any action under Section 117 of the Public Health Act, 1875, which gives a magistrate the power to order the destruction of any unsound food, neither has it been necessary to condemn

any meat as being unfit for food owing to the presence of tubercular disease.

The main drainage system has worked well during the past year, and the sewage is treated at the sewage farm at Lower Green, Esher, where, after precipitation of solids by alumino-ferric, the sludge is removed, and the fluid portion is further treated by downward filtration on the farm lands; the effluent is discharged into the River Mole.

The large increase in the population of the District is rendering the question of providing additional tank accommodation at the Sewage Farm a serious one, which will shortly be brought before the Council. The dry weather flow of sewage is approximately  $1\frac{1}{2}$  million gallons daily, and in wet weather this increases to over two million gallons. Three plots of land on the irrigation area have been recently under-drained and connected to the main effluent drain with very satisfactory results.

The sewers of the District are regularly flushed by means of automatic flushing tanks placed at the main heads of the sewers, and, in addition, the manholes and short lengths are systematically flushed by the sewer flushing van. During the past year fifteen additional sewer ventilating columns have been provided for ventilating the sewers at points suitable for this purpose.

With a few exceptions the whole of the houses are drained into the Council's sewers. The various systems of "combined drains," of which there are many, occasionally give trouble by blockage, and during the past year it has not been found necessary to do any extensive re-construction of these drains. Nuisances are still caused from time to time by defective fresh air inlets, these are often placed in exposed places, and are made of such flimsy materials that they are easily damaged and rendered useless. Owners of property are always advised to replace them by better and stronger appliances.

The water-courses in the District have been inspected and kept free from nuisances; there was not any occasion for taking action for preventing the pollution of streams and rivers. During the summer the stream known as the Rythe was cleaned out from Winter's Bridge as far as its discharge into the Thames. For the space of about 150 yards the bed of this stream is uneven, and in warm weather water remains stagnant in pools and causes a nuisance which can only be abated by thorough cleaning.

The Council carries out the work of collecting the house refuse weekly. Householders store this in galvanised dust-bins, and it is removed in the Council's carts, which are covered with suitable covers while passing along the roads to the brickfields at Claygate. After storage the refuse is used for fuel in the process of burning bricks.

A very large number of minor nuisances have been abated, without having to serve statutory notices; in fact, most of these were those arising from defects in sanitary appliances. A serious nuisance was caused by gipsies camping on a portion of Arbrook Common. On this ground a large number of vans collected together, and in the absence of proper sanitary conveniences they caused a dangerous pollution of the soil. Such a nuisance is very difficult to abate, as the persons who cause it are only passing through the District, and are here to-day and gone to-morrow. In this instance there was a further difficulty owing to the fact that this common is the property of two owners, and it was only by the combined action of these, aided by the police, that the Council was enabled to get the nuisance abated. Complaints were also received about the state of a pond near the main road at Ditton Marsh, which was found to be in a very foul condition, and the owner of the common land has now arranged to fill in this pond; the work is now being done, and in this way the nuisance will be prevented from recurring.

The Council has not had occasion to adopt bye-laws for the regulation of offensive trades, or for the control of common lodging-houses, as there are none of these in the District.

There are four sets of public elementary schools, one in each ward; two of these are "provided schools" and are under the management of a committee appointed in accordance with the provisions of the Education Acts, and two are under local committees appointed in accordance with the Acts for "non-provided" ones. The buildings at Thames Ditton and Claygate are those built by the old School Board, and are modern and well suited for the purpose. There is also a new school for boys at Thames Ditton which was opened in 1909, and is thoroughly up to date, and satisfactory. In these schools and at Claygate there is ample room for the children, and the means for warming, lighting and ventilation are good. The schools at Esher and Long Ditton are both much older buildings, and are not so well arranged as the former. At Long Ditton a new school is being built for the use of infants, and when in use will supply a much-felt want. At present these children are taught in a temporary school which is rented for that purpose, but it is not easy to warm or ventilate it. I shall deal more fully with the schools at Esher when speaking of the infectious diseases, as during the summer there was an outbreak of Diphtheria in Esher, which was confined to the children attending this school.

The sanitary condition of the schools is good so far as they can be kept, and ventilation and warming are properly attended to. There is also proper floor space for each child, and, except in Long Ditton, the rooms are not over full.

At all the schools the lavatories are connected to the sewers, and kept under regular inspection. They are found to be in a satisfactory state, and are well provided

with water for flushing. The following is a list of the work which I had occasion to do in connection with the schools :—

|                                                                                               |     |     |     |    |
|-----------------------------------------------------------------------------------------------|-----|-----|-----|----|
| Ordinary visits to schools                                                                    | ... | ... | ... | 6  |
| Schools closed on account of infectious disease                                               | ... | ... | ... | 3  |
| Number of visits on account of infectious disease                                             | ... | ... | ... | 15 |
| Number of special visits on account of contagious diseases                                    | ... | ... | ... | 8  |
| Children personally examined for school attendance purposes on request of attendance officers | ... | ... | ... | 68 |
| Certificates given for school attendance purposes                                             | ... | ... | ... | 60 |

The schools closed were the Infants' Department at Thames Ditton for an outbreak of scarlet fever, and the whole of the schools at Esher on two occasions on account of diphtheria, once at the end of the summer term, and again soon after the re-assembling for the autumn term.

There was a large number of cases of infectious disease during the past year, the notifications numbering 122. There were 65 cases of scarlet fever, 40 of diphtheria, 7 of phthisis, 6 of erysipelas, 3 of enteric fever, and 1 of puerperal fever. The incidence of these diseases in the various parts of the District will be seen in Table III. at the end of the report.

The scarlet fever was chiefly in the Thames Ditton and Claygate wards, and in the former it was necessary to close the Infants' School, as there was no doubt that the illness was being spread by the assembling of the children in this school; this closure was soon followed by a cessation of the outbreak. The school rooms, etc., were thoroughly disinfected and cleansed during the period of closure. It was impossible to trace any connection between the various cases, and an inspection of the

children did not discover any common source of infection. At Claygate, too, the outbreak was similar in character, but it was extended over a longer time, and the cases were more isolated in various parts of the neighbourhood. Here, also, I made an inspection of the children in school, but did not find any children who could be considered as being instrumental in spreading the disease.

The largest incidence of diphtheria was in the Esher Ward, and the disease was spread by personal infection from one child to another. This outbreak was the subject of a special report to the Council in August in which I drew attention to the poor accommodation at the schools at Esher for coats and hats. The places used here are hardly lighted at all, and in dull weather it is necessary to use artificial light, and the ventilation is also very bad. The collection of a large quantity of clothing in such a place as this is not at all desirable, and I think the managers of this school would do well to make some more convenient and sanitary places for this purpose. In some cases I am sure the compulsory attendance of children at school is responsible for the spread of this disease and scarlet fever, as at times a child is sent to school when suffering from a "slight sore throat" which may be, and at times is, really a mild attack of one of these complaints. Also children who are in this condition are allowed out to play with others, when the illness is slight but when they are in an infectious state, and here the "bad neighbour" is not only injuring her own child, but also those of another family. It is a pity that it is not more generally recognised that all cases of sore throat should be isolated as far as possible until the nature of the illness is certain. The incidence of both these diseases is much above the average, but it did not appear to be dependent on any remediable insanitary condition. The drainage of the Esher schools was thoroughly overhauled, but found to be in quite a good state, considering the fact that the system had been in use for twenty years. All

defects were made good, and some parts, such as the drainage of the school mistress's house, were re-constructed. Attention was also given to the water supply, as that provided for the use of the girls and infants was derived from a cistern placed in the scullery of the mistress's house; this was cut off and a fresh supply given straight from the main.

Three cases of enteric fever were notified, which is the average number that I have had notified during the past few years. The first case was notified from Thames Ditton, and the patient was a man whose business took him away from the District a good deal, and it is probable that he did not contract the disease within the District; the case was a mild one and made a good recovery.

The second one was that of a boy who developed the disease in the early summer, and it was thought that he caught enteric fever while away for a week end, and though it was a severe attack, he, too, got well over his illness. Both these patients were treated at home. The third was another boy who was removed to hospital, but it could not be determined how or where he caught the infection, as in neither of these cases could any connection be traced between them.

There were no cases of small-pox notified during the year, but I fear that should there be an outbreak there are a large number of children at least who are not protected by having been vaccinated. In this manner the foundation may be in course of being laid, for a severe epidemic in the future, and the country will find that its results will be disastrous, both financially, and from a health point of view. I submit a table of figures which I have obtained from the vaccination officer of the district, which shows the number of children who have been successfully vaccinated, and the comparatively large number, 13·7 per cent., who have not been done on the ground that the parents have "conscientious objections."

RETURN OF THE VACCINATION OFFICER FOR THE  
DISTRICT FOR 1910.

|                                                     |        |     |
|-----------------------------------------------------|--------|-----|
| Total number of births registered in 1910           | ...    | 254 |
| Successfully vaccinated                             | ... .. | 175 |
| Insusceptible                                       | ... .. | 2   |
| Died unvaccinated                                   | ... .. | 11  |
| Removed from district or gone away                  | ... .. | 7   |
| Cases postponed over the year                       | ... .. | 11  |
| Certificates granted to " Conscientious Objectors " |        | 35  |
| Unaccounted for                                     | ... .. | 13  |

N.B.—Eleven of the " unaccounted for " are not yet six months old.

In November, 1910, the Local Government Board issued an Order dealing with the means by which plague is spread. The Local Authority was instructed in this Order to ascertain whether there are rats infected with plague, or if there is any unusual mortality among rats, and to report this to the Local Government Board, also to take measures for the destruction of rats, and to prevent their entrance into dwelling houses or other premises. It is now proved that rats are the means of spreading plague by reason of the fact that the fleas with which they are infested will, under certain conditions, feed on human beings, and if this can be prevented the danger of plague spreading among the community can be obviated.

The precautions to be taken against rats may be summarised as follows:—

First.—Persistently and systematically destroy all rats.

Second.—Remove and obliterate their nests, burrows, and habitual haunts.

Third.—Make each dwelling, as far as possible, rat-proof, and remove all known harbourage for rats in or near dwellings.

Fourth.—At the same time do not allow waste food (whether for human beings or animals) to accumulate in or near houses.

There is a voluntary system of notification of cases of phthisis, and seven cases of this disease were notified. The patients' houses are visited, and any insanitary conditions remedied, and simple instructions are left to enable the patient to do what he can to avoid spreading the disease among the other occupants of the house. There is no place available for the isolation of these cases, but in some instances the patients have been treated in special rooms or open-air shelters, which have been constructed for their reception. It is a pity that this cannot be done oftener, but the cost of these shelters makes it impossible for many whose means are only small.

Under the Public Health (Tuberculosis) Regulations, 1908, I had six notifications to deal with, five were notifications of the removal of pauper patients to the Kingston Infirmary, and one an intimation that a patient had left the infirmary and had returned to his home. Three of these were all sent to me by the medical officer of the infirmary, and two notifications were sent by the Poor Law Medical Officer who had been in attendance on the case in the Parish of Thames Ditton. None were received from the parishes of Esher, Long Ditton, or Claygate.

Arrangements have been made with the Clinical Research Association for the examination of specimens from doubtful cases of diphtheria, enteric fever, and tuberculosis among those residents who are not in a position to pay the charges for these investigations, and the cost of these examinations will be paid for by the Council.

Of equal importance with the early diagnosis of diphtheria is the prompt administration of anti-toxin, and all the medical practitioners in the District have

received a letter from the Council drawing their attention to the Diphtheria (Anti-toxin) Order of the Local Government Board, and pointing out that in cases among the poor they will be at liberty to provide such anti-toxin as they require, and on presentation of the invoice the Council will repay them the cost. The duty of supervising the work of midwives under the Midwives Act is not one that I have to perform, as it is under the control of the County Council and its officials. Until recently there were not any midwives in practice in the District, and I do not at present know of any woman practising as such.

The Register of the Factories and Workshops, etc., that is kept under the Factories and Workshops Act, has been revised from time to time and kept up to date. 245 inspections have been made of these places, and in ten instances written notices were served on the occupier asking for the amendment of insanitary conditions that had been discovered. These chiefly related to defective lavatory accommodation, the cleansing of work-places, and repair of eaves guttering, and of defective drains. There were 21 verbal requests made also which led to attention being given to the following matters:—Cleansing of workrooms, clearing blocked drains, paving back yard, repairing defective lavatory fittings, and provision of new dust-bins. H.M. Inspector of Factories referred three cases to the Council which were dealt with in a suitable manner and the insanitary condition remedied. I have received no lists of "Out-workers," and have not had to send any on to the Medical Officers of neighbouring districts.

The mortuary, a wooden and corrugated iron building, is situated in the Thames Ditton ward, and has been kept in good order, and in a cleanly condition. It was used on seven occasions for the reception of bodies awaiting inquest. The arrangement for mortuary accommodation in this district is unusual owing to the fact that the urban district is included in the areas under the control

of two Coroners, namely, Long Ditton, Thames Ditton, and Claygate wards, are in the district of the Coroner for the Kingston District, and the Esher ward in that of the Coroner for the Guildford District. It is necessary for each Coroner to have a suitable place for bodies to lie in while awaiting inquest, and at Esher a shed adjoining the Old Church is used for this purpose.

I have much pleasure in expressing my thanks to Mr. G. C. Over, the Council's Sanitary Inspector, for the excellent manner in which he has carried on the work of his office, and for much assistance which he has given me throughout the year, and also to my other colleagues on the Council's staff for their ready help whenever I have asked for it.

I am, Gentlemen,

Your obedient Servant,

A. SENIOR,

M.B., B.C. (Cantab), D.P.H. (Lond.),  
*Medical Officer of Health.*

COUNCIL OFFICES, THAMES DITTON.

*January, 1911.*

DR. SENIOR, D.P.H.,

Medical Officer of Health.

SIR,

I herewith beg to submit my Annual Report, being for the year ending December 31st, 1910, and dealing with the work of sanitary inspection and administration carried out in accordance with the Public Health and other Acts and Regulations in force within the Urban District.

### SANITARY INSPECTION OF THE DISTRICT.

As in past years I have devoted a large amount of time and attention to the carrying out of periodical and systematic inspections of dwellings and other properties in order to ascertain the existence of nuisances requiring abatement. Special attention has been given to localities where it is known that frequent inspection is necessary.

The total of inspections and re-visits made in connection with dwellings, miscellaneous premises (other than dwellings), and matters which are required to be dealt with under the Inspector's supervision amounted to 2,406.

A large number of nuisances of the usual kind have been detected and abated, chiefly by means of preliminary notices served upon owners or occupiers.

The summary at the end of this Report gives particulars of the inspections made and nuisances abated.

### DAIRIES, COWSHEDS AND MILKSHOPS.

The following premises are at the present time under periodical inspection as required under the provisions of the Dairies, Cowsheds, and Milkshops Orders:—

17 farms at which cows are kept for the public milk supply.

10 shops used exclusively for the retail milk trade.

5 general shops at which a small amount of milk is sold.

Each of the occupiers of these premises is registered in the manner provided for by the Orders.

During the past year I have made 207 visits of inspection to the various farms and shops in order to ensure the proper observance of the Regulations under which the places are controlled.

The average number of cows kept is about 350, this number slightly varying from time to time. These animals are all periodically inspected and their condition reported upon quarterly by the Council's Veterinary Inspector.

During the year I was notified of one cow which it was necessary to isolate, and prohibit the use of its milk. This animal I kept under observation until it was disposed of, afterwards reporting the fact to the Council.

With regard to the cowsheds, the regulations in force relating to cleansing, lime-washing, and other matters have been satisfactorily complied with throughout the year.

At one of the Thames Ditton Farms the cowsheds have been re-drained and the system connected with the sewer. The cesspool drainage which formerly existed has been abolished.

At another Thames Ditton Farm a large barn has been converted into housing accommodation for 24 cows. The drainage, structural alterations, paving and arrangements for air space and water supply have been carried out in such a manner as to render the premises in strict accordance with the Regulations.

At one of the Esher farms some cowsheds have been considerably enlarged and improved, and the flooring re-laid with impervious material for the accommodation of nine cows.

The milkshops and vessels used for handling and storing the milk have, when inspected, been found in a clean and suitable condition. The importance of covering milk which is exposed for sale in shops with a suitable material to prevent contamination from flies, dust and other impurities, is always urged whenever this simple precaution appears to be neglected. The result is that the custom of keeping the vessels covered is generally adopted.

### SLAUGHTER-HOUSES.

There are nine slaughter-houses in the District, none of which are licensed. The buildings have been periodically inspected in order to ensure the necessary lime-washing and cleansing being carried out, and the prompt removal of all offal and refuse from the premises.

Owing to the insanitary condition of one of these buildings, the occupier was called upon to re-lay the floor and re-construct the drainage, with a fall to an outside gully, and also to pave an area outside with an impervious material. This work was carried out in a proper manner.

The remainder of these buildings have been maintained in a clean and sanitary condition throughout the year.

### INSPECTION OF THE FOOD SUPPLY.

Visits of inspection have been made from time to time to those premises in the District where articles of food are to be found in course of preparation, or exposed for sale, including slaughter-houses, cold meat storage on the premises of butchers, fish stores, bakehouses, milk stores, etc.

Visits have been made to the slaughter-houses in order to inspect as often as possible the carcasses and viscera of animals at the times of slaughter, or soon after.

An examination of the internal organs of an animal would reveal the presence of any disease (if such existed) which would render the flesh unfit for human food.

In no instance has it been necessary to seize any meat or other article of food as unfit for human consumption.

### BAKEHOUSES.

There are nine bakehouses now on the register, one of which is situated partly underground.

They have all been regularly inspected throughout the year, and, generally speaking, were found to be properly kept.

The half-yearly lime-washing as required by the Factory Act has in all cases been carried out at the appointed times.

### COLLECTION OF HOUSEHOLD REFUSE.

The weekly removal system is in operation throughout the District, under the direct supervision of the Surveyor. Complaints as to non-removal during the year have been few in number, and were immediately attended to.

The old fixed brick ashpits have almost entirely disappeared, being supplanted by galvanised bins with covers. These, besides being more sanitary, are light and portable, and greatly facilitate the work of collection.

During the year 29 new receptacles have been provided by owners in accordance with Section 36 of the Public Health Act, 1875, to replace those which were found broken, worn out, or missing.

## PUBLIC AND SCHOOL LAVATORIES, URINALS, &c.

The public urinals and sanitary conveniences attached to licensed houses have been inspected from time to time. It has been necessary in a number of cases to require these places to be cleansed and flushed out more frequently. A verbal request has, where necessary, ensured prompt attention being given to the matter.

The sanitary accommodation at each of the elementary schools in the District is periodically inspected to ensure an efficient state of cleanliness at all times.

The Railway Station lavatory accommodation at each of the three stations has likewise been periodically inspected. These places were, as a rule, found very clean, and are, apparently, well looked after by those responsible.

## DISINFECTION OF PREMISES, LINEN, BEDDING, Etc.

During the year 101 premises, together with bedding, linen, furniture, etc., were subjected to disinfection according to the directions of the Medical Officer of Health, the work being carried out either after the recovery of infected patients, who were nursed in their homes, or immediately after the cases were removed to the Isolation Hospital, and in some cases after the death of the patients.

It was necessary to disinfect the Esher Schools twice during the year, and the Thames Ditton Infants' School once.

## PAVING OF YARDS AND OPEN SPACES.

Special efforts have been made in this direction during the past year, and altogether 38 dwellings have

benefited by the paving of a backyard or space in connection with cottage properties. These improvements have been greatly appreciated by the occupiers.

### COMPLAINTS.

The number of complaints received during the year amounted to 140, and related to such matters as blocked and choked drains, offal deposited upon waste land, animals and poultry improperly kept, stagnant ponds, overcrowding in dwellings, gipsy encampments, and a number of other nuisances.

Each complaint upon receipt was investigated, and a suitable remedy adopted for the abatement of whatever nuisance was found to exist.

The details, including date, nature of complaint, date of inspection and action taken with regard to each case, have been placed upon record in a book kept for the purpose.

### SUMMARY OF INSPECTIONS, WORKS OF IMPROVEMENT, AND NUISANCES ABATED DURING THE YEAR ENDING DECEMBER, 1910.

|                                                                                |      |
|--------------------------------------------------------------------------------|------|
| Dwellings inspected under the Public Health Act                                | 1075 |
| Re-inspections arising out of the same ... ..                                  | 416  |
| Miscellaneous inspections of premises other than dwellings ... ..              | 284  |
| Inspections and re-visits under the Housing and Town Planning Act, 1909 ... .. | 74   |
| Inspections of Factories, Workshops and Work-places ... ..                     | 233  |
| Inspections of Cowsheds, Dairies, and Milkshops...                             | 207  |
| Inspections of Meat and other Foods ... ..                                     | 117  |
| Complaints received and dealt with ... ..                                      | 140  |
| Premises wholly or partially disinfected ... ..                                | 101  |

|                                                                           |    |
|---------------------------------------------------------------------------|----|
| Cottage dwellings white-washed, etc., throughout                          | 5  |
| Cottages partially cleansed as required ... ..                            | 27 |
| New W.C. Flushing Tanks provided ... ..                                   | 16 |
| Defective W.C. Flushing Tanks repaired ... ..                             | 14 |
| W.C.'s cleansed, repaired, etc. ... ..                                    | 38 |
| W.C.'s re-built ... ..                                                    | 2  |
| Private house drains re-laid ... ..                                       | 6  |
| Private house drains repaired ... ..                                      | 12 |
| Blocked house drains cleared ... ..                                       | 25 |
| Drain inlets repaired ... ..                                              | 44 |
| New Sinks provided ... ..                                                 | 13 |
| Defective Sinks repaired ... ..                                           | 5  |
| Leaky roofs and eaves guttering repaired ... ..                           | 23 |
| New Sanitary Dust-bins provided ... ..                                    | 29 |
| Cottage yards and spaces provided ... ..                                  | 38 |
| Nuisances abated under the Factory and Work-<br>shops Act ... ..          | 25 |
| Nuisances abated under the Cowsheds and Milk-<br>shops Regulations ... .. | 6  |
| Foul accumulations of deposit removed ... ..                              | 21 |
| Miscellaneous nuisances abated ... ..                                     | 35 |
| Overcrowding cases abated ... ..                                          | 3  |

I am, Sir,

Yours obediently,

GEO. C. OVER, Assoc.R.San.Inst.,  
*Sanitary Inspector.*

## LIST OF REGISTERED COWKEEPERS IN THE DISTRICT.

Mr. H. Hanson, Ember Lane, Thames Ditton.  
 Messrs. Keen Bros., Manor Farm, Thames Ditton.  
 Mr. J. A. Keen, Summer Road, Thames Ditton.  
 R. Cobb, Lower Green, Esher.  
 D. Edwards, Copseham, Claygate.  
 Mr. E. Broad, West End, Esher.  
 Mr. H. Broom, Hill Farm, Ditton Hill.  
 Mr. J. P. Roberts, Horridon Farm, Claygate.  
 Mr. T. H. Moon, Vale Farm, Claygate.  
 Mr. R. Brice, Vale Farm, Claygate.  
 Mr. H. Stent, Slough Farm, Claygate.  
 Mr. J. F. Chirgwin, Couchmore, Esher.  
 Mrs. Mary Ann Goodrich, Upper Couchmore,  
 Thames Ditton.  
 Mr. R. Howard, Pound Farm, Lower Green, Esher.  
 Mr. N. Thorne, Hill House Farm, Esher.  
 Mr. John Taylor, St. Leonard's Farm, Thames  
 Ditton.

## MILK-SELLERS.

West London Dairy Co., Long Ditton.  
 Frank Hanson, High Street, Thames Ditton.  
 B. H. Bantoft, Portsmouth Road, Esher.  
 J. P. Roberts, Albany Crescent, Claygate.  
 B. H. Bantoft, Vine Cottage, Weston Green.  
 M. K. Ouseley, 14, Fleece Road, Ditton Hill.  
 Mrs. Hannah Lay, Skew Arch, Lower Green.  
 Mr. E. Tekell, Summer Road.  
 Mrs. S. A. Whales, Summer Road, Thames Ditton.  
 Harry Levitt, The Parade, East Molesey.  
 W. I. Savage, 4, Criterion Buildings, Thames  
 Ditton.  
 H. B. Bantoft, High Street, Esher.  
 Mr. E. Broad, High Street, Esher.  
 Mr. T. H. Moon, Station Parade, Claygate.  
 Mr. J. A. Keen, Weston Green.

TABLE I.—For Esher and the Dittons Urban District.

| YEAR.                        | Population estimated Middle of each Year. | BIRTHS. |        | TOTAL DEATHS REGISTERED IN THE DISTRICT. |                                 |              |        | TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT. | Deaths of Non-residents registered in Public Institutions in the District. | Deaths of Residents registered in Public Institutions beyond the District. | NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT. |        |
|------------------------------|-------------------------------------------|---------|--------|------------------------------------------|---------------------------------|--------------|--------|------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------|--------|
|                              |                                           | Number. | Rate.* | Under 1 Year of Age.                     |                                 | At all Ages. |        |                                                      |                                                                            |                                                                            | Number.                                            | Rate.* |
|                              |                                           |         |        | Number                                   | Rate per 1000 Births registered | Number.      | Rate.* |                                                      |                                                                            |                                                                            |                                                    |        |
|                              |                                           |         |        |                                          |                                 |              |        |                                                      |                                                                            |                                                                            |                                                    |        |
| 1                            | 2                                         | 3       | 4      | 5                                        | 6                               | 7            | 8      | 9                                                    | 10                                                                         | 11                                                                         | 12                                                 | 13     |
| 1900                         | 9,274                                     | 205     | 22.1   | 20                                       | 97.5                            | 84           | 9.07   | 3                                                    | 1                                                                          | 7                                                                          | 94                                                 | 10.12  |
| 1901                         | 9,420                                     | 214     | 22.7   | 28                                       | 131                             | 122          | 13.0   | 2                                                    | 1                                                                          | 10                                                                         | 133                                                | 14.2   |
| 1902                         | 9,547                                     | 214     | 23.5   | 21                                       | 98.1                            | 100          | 10.4   | 2                                                    | ...                                                                        | 9                                                                          | 104                                                | 11.4   |
| 1903                         | 9,667                                     | 197     | 20.3   | 23                                       | 116.7                           | 99           | 10.03  | 4                                                    | 2                                                                          | 21                                                                         | 118                                                | 12.4   |
| 1904                         | 9,787                                     | 248     | 25.3   | 27                                       | 108.8                           | 94           | 9.5    | 3                                                    | 2                                                                          | 15                                                                         | 107                                                | 10.9   |
| 1905                         | 9,907                                     | 223     | 22.5   | 17                                       | 76.2                            | 89           | 8.9    | 5                                                    | 0                                                                          | 9                                                                          | 98                                                 | 9.8    |
| 1906                         | 10,057                                    | 275     | 27.3   | 22                                       | 80                              | 96           | 9.6    | 3                                                    | 4                                                                          | 19                                                                         | 111                                                | 11.03  |
| 1907                         | 10,237                                    | 276     | 26.9   | 23                                       | 83.3                            | 102          | 9.9    | 8                                                    | 0                                                                          | 10                                                                         | 122                                                | 11.9   |
| 1908                         | 10,783                                    | 257     | 23.8   | 22                                       | 85                              | 90           | 8.4    | 4                                                    | 1                                                                          | 17                                                                         | 111                                                | 10.2   |
| 1909                         | 11,502                                    | 304     | 25.5   | 20                                       | 65.7                            | 118          | 10.25  | 1                                                    | ...                                                                        | 3                                                                          | 122                                                | 10.6   |
| Averages for years 1900-1909 | 10,017                                    | 240     | 23.9   | 22.3                                     | 94.0                            | 99.4         | 9.8    | 2.9                                                  | 1.4                                                                        | 11.6                                                                       | 112.0                                              | 11.1   |
| 1910                         | 11,835                                    | 254     | 21.4   | 18                                       | 70.8                            | 98           | 8.28   | 4                                                    | 0                                                                          | 19                                                                         | 117                                                | 9.8    |

\* Rates in columns 4, 8 and 13 calculated per 1,000 of estimated population.

Area of District in acres (exclusive of area covered by water), 5,978.

Total population at all ages, 9,489.  
 Number of Inhabited Houses, 1,996.  
 Average number of persons per house, 4.75.

Census, 1901.

Institutions within the District receiving sick and infirm persons from outside the District :—Thames Ditton Cottage Hospital.  
 Institutions outside the District receiving sick and infirm persons from the District :—Kingston Infirmary, Brookwood Asylum, Isolation Hospital (Tolworth), Isolation Hospital (Cuddington).

TABLE II.—Esher and the Dittons.

| YEAR.                     | NAMES OF LOCALITIES.                                 |                       |                        |                         |                                                      |                       |                        |                         |                                                      |                       |                        |                         |
|---------------------------|------------------------------------------------------|-----------------------|------------------------|-------------------------|------------------------------------------------------|-----------------------|------------------------|-------------------------|------------------------------------------------------|-----------------------|------------------------|-------------------------|
|                           | THAMES DITTON.                                       |                       |                        |                         | LONG DITTON.                                         |                       |                        |                         | ESHER.                                               |                       |                        |                         |
|                           |                                                      |                       |                        |                         |                                                      |                       |                        |                         |                                                      |                       |                        |                         |
|                           | Population esti-<br>mated to middle<br>of each year. | Births<br>Registered. | Deaths at all<br>Ages. | Deaths under<br>1 year. | Population esti-<br>mated to middle<br>of each year. | Births<br>Registered. | Deaths at all<br>Ages. | Deaths under<br>1 year. | Population esti-<br>mated to middle<br>of each year. | Births<br>Registered. | Deaths at all<br>Ages. | Deaths under<br>1 year. |
| 1900..                    | 3,235                                                | 95                    | 36                     | 9                       | 2,206                                                | 49                    | 19                     | 4                       | 2,554                                                | 39                    | 18                     | 4                       |
| 1901...                   | 3,311                                                | 88                    | 56                     | 14                      | 2,237                                                | 41                    | 28                     | 3                       | 2,590                                                | 47                    | 29                     | 5                       |
| 1902...                   | 3,377                                                | 97                    | 49                     | 10                      | 2,265                                                | 44                    | 20                     | 3                       | 2,623                                                | 44                    | 19                     | 5                       |
| 1903...                   | 3,434                                                | 87                    | 45                     | 10                      | 2,289                                                | 28                    | 19                     | 4                       | 2,650                                                | 52                    | 34                     | 2                       |
| 1904...                   | 3,498                                                | 110                   | 50                     | 14                      | 2,313                                                | 46                    | 21                     | 7                       | 2,671                                                | 53                    | 26                     | 4                       |
| 1905...                   | 3,562                                                | 99                    | 43                     | 11                      | 2,340                                                | 38                    | 19                     | 1                       | 2,697                                                | 52                    | 21                     | 2                       |
| 1906...                   | 3,641                                                | 111                   | 52                     | 7                       | 2,374                                                | 56                    | 30                     | 8                       | 2,739                                                | 56                    | 18                     | 3                       |
| 1907...                   | 3,759                                                | 123                   | 47                     | 13                      | 2,425                                                | 51                    | 26                     | 6                       | 2,802                                                | 53                    | 32                     | 5                       |
| 1908...                   | 3,860                                                | 91                    | 33                     | 5                       | 2,477                                                | 65                    | 23                     | 9                       | 2,864                                                | 54                    | 22                     | 3                       |
| 1909...                   | 3,911                                                | 129                   | 56                     | 10                      | 2,555                                                | 66                    | 31                     | 4                       | 2,967                                                | 45                    | 19                     | 3                       |
| Avg. of yrs.<br>1900-1909 | 3,559                                                | 102                   | 45.9                   | 9.7                     | 2,347                                                | 47.8                  | 13                     | 4                       | 2,714                                                | 48.6                  | 23                     | 3.3                     |
| 1910...                   | 3,979                                                | 111                   | 49                     | 9                       | 2,589                                                | 50                    | 14                     | 3                       | 3,008                                                | 44                    | 17                     | 1                       |

TABLE III.—Cases of Infectious Disease Notified during the Year 1910.  
Esher and the Dittons Urban District.

| NOTIFIABLE DISEASE.                     | CASES NOTIFIED IN WHOLE DISTRICT. |                |         |          |           |           |                | Total Cases Notified in Each Locality |        |          |                | No. of Cases Removed to Hospital from Each Locality. |        |          |                 | Total cases Removed to Hospital. |
|-----------------------------------------|-----------------------------------|----------------|---------|----------|-----------|-----------|----------------|---------------------------------------|--------|----------|----------------|------------------------------------------------------|--------|----------|-----------------|----------------------------------|
|                                         | At all Ages.                      | At Ages—Years. |         |          |           |           | Thames Ditton. | Long Ditton.                          | Esher. | Claygate | Thames Ditton. | Long Ditton.                                         | Esher. | Claygate |                 |                                  |
|                                         |                                   | Under 1.       | 1 to 5. | 5 to 15. | 15 to 25. | 25 to 65. |                |                                       |        |          |                |                                                      |        |          | 65 and upwards. |                                  |
| Small Pox ...                           |                                   |                |         |          |           |           |                |                                       |        |          |                |                                                      |        |          |                 |                                  |
| Cholera ...                             |                                   |                |         |          |           |           |                |                                       |        |          |                |                                                      |        |          |                 |                                  |
| Diphtheria (including Membranous Croup) | 40                                |                | 7       | 27       | 1         | 5         |                | 3                                     | 2      | 21       | 14             | 1                                                    | 2      | 20       | 14              | 37                               |
| Erysipelas ..                           | 6                                 |                |         |          |           | 6         |                | 4                                     | 1      | 1        |                |                                                      |        |          |                 |                                  |
| Scarlet Fever ..                        | 65                                |                | 26      | 35       | 2         | 2         |                | 24                                    | 7      | 12       | 22             | 21                                                   | 7      | 12       | 17              | 57                               |
| Typhus Fever ..                         |                                   |                |         |          |           |           |                |                                       |        |          |                |                                                      |        |          |                 |                                  |
| Enteric Fever ..                        | 3                                 |                |         | 1        | 1         | 1         |                | 2                                     |        | 1        |                |                                                      |        | 1        |                 | 1                                |
| Relapsing Fever ..                      |                                   |                |         |          |           |           |                |                                       |        |          |                |                                                      |        |          |                 |                                  |
| Continued Fever...                      |                                   |                |         |          |           |           |                |                                       |        |          |                |                                                      |        |          |                 |                                  |
| Puerperal Fever ..                      | 1                                 |                |         |          |           | 1         |                | 1                                     |        |          |                |                                                      |        |          |                 |                                  |
| Plague ...                              |                                   |                |         |          |           |           |                |                                       |        |          |                |                                                      |        |          |                 |                                  |
| Phthisis ...                            | 7                                 |                |         | 2        | 2         | 3         |                | 5                                     |        | 2        |                |                                                      |        |          |                 |                                  |
| Totals ...                              | 122                               |                | 33      | 65       | 6         | 18        |                | 39                                    | 10     | 37       | 36             | 22                                                   | 9      | 33       | 31              | 95                               |

Isolation Hospital, Tolworth Hospital in Surbiton Urban District.

Total available beds, 38.  
Number of Diseases that can be concurrently treated, 3.

TABLE IV.

Causes of, and ages at, Death during Year 1910.

| CAUSES OF DEATH.                                       | DEATHS AT THE SUBJOINED AGES<br>OF "RESIDENTS" WHETHER<br>OCCURRING IN OR BEYOND THE<br>DISTRICT. |          |              |               |                |                |               | DEATHS IN LOCALITIES<br>(AT ALL<br>AGES). |              |        |           | DEATHS IN PUBLIC<br>INSTITUTIONS<br>IN THE DISTRICT. |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------|--------------|---------------|----------------|----------------|---------------|-------------------------------------------|--------------|--------|-----------|------------------------------------------------------|
|                                                        | All ages.                                                                                         | Under 1. | 1 & under 5. | 5 & under 15. | 15 & under 25. | 25 & under 65. | 65 & upwards. | Thames Ditton                             | Long Ditton. | Esher. | Claygate. |                                                      |
| Small-pox ... ..                                       |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Measles ... ..                                         |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Scarlet fever ... ..                                   | 2                                                                                                 |          | 1            | 1             |                |                |               | 1                                         |              | 1      |           |                                                      |
| Whooping-cough...                                      |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Diphtheria (includ-<br>ing membranous<br>croup) ... .. | 6                                                                                                 |          | 3            | 3             |                |                |               | 1                                         | 1            | 3      | 1         |                                                      |
| Croup ... ..                                           |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Fever:—                                                |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Typhus ... ..                                          |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Enteric ... ..                                         |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Other continued                                        |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Epidemic influenza                                     | 4                                                                                                 |          |              |               | 1              |                | 3             | 1                                         |              |        | 2         | 1                                                    |
| Cholera ... ..                                         |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Plague ... ..                                          |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Diarrhœa ... ..                                        | 1                                                                                                 | 1        |              |               |                |                |               | 1                                         |              |        |           |                                                      |
| Enteritis ... ..                                       | 1                                                                                                 |          |              |               |                | 1              |               |                                           | 1            |        |           |                                                      |
| Gastritis ... ..                                       | 2                                                                                                 | 2        |              |               |                |                |               | 2                                         |              |        |           |                                                      |
| Puerperal fever ...                                    | 1                                                                                                 |          |              |               | 1              |                |               |                                           |              |        |           | 1                                                    |
| Erysipelas... ..                                       |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Phthisis (Pulmonary<br>Tuberculosis) ...               | 7                                                                                                 |          |              |               | 1              | 6              |               | 6                                         |              | 1      |           |                                                      |
| Other tuberculous<br>diseases ... ..                   |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Cancer, magignant<br>disease ... ..                    | 14                                                                                                |          |              |               | 1              | 9              | 4             | 4                                         | 4            | 3      | 3         |                                                      |
| Bronchitis... ..                                       | 7                                                                                                 | 2        |              |               |                | 1              | 4             | 3                                         |              | 1      | 3         |                                                      |
| Pneumonia ... ..                                       | 1                                                                                                 |          |              |               |                |                | 1             |                                           |              | 1      |           |                                                      |
| Pleurisy ... ..                                        |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Other diseases of res-<br>piratory organs...           | 1                                                                                                 |          |              |               |                |                | 1             |                                           | 1            |        |           |                                                      |
| Alcoholism                                             |                                                                                                   |          |              |               |                |                |               |                                           |              |        |           |                                                      |
| Cirrhosis of liver }                                   | 2                                                                                                 |          |              |               |                | 2              |               |                                           | 1            |        | 1         |                                                      |
| Venereal diseases...                                   | 2                                                                                                 | 2        |              |               |                |                |               | 1                                         |              |        | 1         |                                                      |
| Premature birth ...                                    | 3                                                                                                 | 3        |              |               |                |                |               | 1                                         |              | 1      | 1         |                                                      |
| Diseases & accidents<br>of parturition ...             | 3                                                                                                 |          |              |               | 1              | 2              |               | 1                                         |              | 2      |           |                                                      |
| Heart diseases ...                                     | 8                                                                                                 |          |              |               |                | 3              | 5             | 4                                         |              | 1      | 2         | 1                                                    |
| Accidents ... ..                                       | 4                                                                                                 | 1        | 1            |               | 1              | 1              |               | 2                                         | 1            |        | 1         |                                                      |
| Suicides ... ..                                        | 1                                                                                                 |          |              |               |                | 1              |               | 1                                         |              |        |           |                                                      |
| All other causes ...                                   | 47                                                                                                | 9        | 1            | 1             |                | 12             | 24            | 22                                        | 9            | 6      | 9         |                                                      |
| All causes ... ..                                      | 117                                                                                               | 20       | 6            | 5             | 6              | 38             | 42            | 51                                        | 18           | 20     | 24        | 3                                                    |

TABLE V.—Esher and the Dittons Urban District.  
 Infantile Mortality during the year 1910. Deaths from stated  
 Causes in Weeks and Months under One Year of Age.

| CAUSE OF DEATH.                      |                                      | Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 1 Month. | 1-2 Months. | 2-3 Months. | 3-4 Months. | 4-5 Months. | 5-6 Months. | 6-7 Months. | 7-8 Months. | 8-9 Months. | 9-10 Months. | 10-11 Months. | 11-12 Months. | Total Deaths under One Year. |
|--------------------------------------|--------------------------------------|---------------|------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|------------------------------|
| All Causes                           | { Certified ...<br>{ Uncertified ... | 6             | 1          | 1          |            | 8                    | 1           | 2           | 1           | 1           | 1           | 2           |             | 1           |              | 1             | 2             | 20                           |
| <i>Common Infectious Diseases :</i>  |                                      |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Small-pox                            | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Chicken-pox                          | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Measles                              | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Scarlet Fever                        | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Diphtheria (inc. M. Croup)           | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Whooping Cough                       | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| <i>Diarrhæal Diseases :</i>          |                                      |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Diarrhœa, all forms                  | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               | 1             | 1                            |
| Enteritis, Muco-enteritis            | {                                    |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Gastro-enteritis                     | }                                    |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Gastritis, Gastro-intestinal Catarrh | {                                    |               |            |            |            |                      |             |             | 1           |             | 1           |             |             |             |              |               |               | 2                            |
| <i>Wasting Diseases :</i>            |                                      |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Premature Birth                      | ...                                  | 3             |            |            |            | 3                    |             |             |             |             |             |             |             |             |              |               |               | 3                            |
| Congenital Defects                   | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Injury at Birth                      | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Want of Breast Milk, Starvation      | {                                    |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Atrophy, Debility, Marasmus          | {                                    |               |            |            |            |                      |             |             |             |             | 1           |             |             |             |              |               |               | 1                            |
| <i>Tuberculous Diseases :</i>        |                                      |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Tuberculous Meningitis               | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Tuberculous Peritonitis :            | {                                    |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Tabes Mesenterica                    | }                                    |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Other Tuberculous Diseases           | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| <i>Other Causes :</i>                |                                      |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Erysipelas                           | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Syphilis                             | ...                                  |               |            |            |            |                      |             | 1           |             |             |             | 1           |             |             |              |               |               | 2                            |
| Rickets                              | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Meningitis (not Tuberculous)         | ...                                  |               | 1          |            |            | 1                    |             | 1           |             |             |             |             |             |             |              |               |               | 2                            |
| Convulsions                          | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Bronchitis                           | ...                                  |               |            |            |            |                      | 1           |             |             |             |             |             |             |             |              |               | 1             | 2                            |
| Laryngitis                           | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Pneumonia                            | ...                                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                              |
| Suffocation, overlying               | ...                                  | 1             |            |            |            | 1                    |             |             |             |             |             |             |             |             |              |               |               | 1                            |
| Other Causes                         | ...                                  | 2             |            | 1          |            | 3                    |             |             | 1           |             |             |             |             | 1           |              | 1             |               | 6                            |
|                                      |                                      | 6             | 1          | 1          |            | 8                    | 1           | 2           | 1           | 1           | 1           | 2           |             | 1           |              | 1             | 2             | 20                           |

District of Esher and the Dittons ... Population, estimated to middle of 1910, 11,835.

Births in the year { Legitimate, 250. Deaths in the year of { Legitimate Infants, 18  
 { Illegitimate, 4. { Illegitimate „, 2

Deaths from all Causes at all Ages, 117.

## Factories, Workshops, Laundries, Workplaces & Homework.

### 1.—INSPECTION.

*Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.*

| Premises.                                                                             | Number of    |                  |               |
|---------------------------------------------------------------------------------------|--------------|------------------|---------------|
|                                                                                       | Inspections. | Written Notices. | Prosecutions. |
| Factories (including Factory Laundries) ... ..                                        | 23           | 4                |               |
| Workshops (including Workshop Laundries) ... ..                                       | 108          | 2                |               |
| Workplaces (Other than Outworkers' premises included in Part 3 of this Report) ... .. | 114          | 4                |               |
| TOTAL ... ..                                                                          | 245          | 10               |               |

### 2.—DEFECTS FOUND.

| Particulars.                                                                         | Number of Defects. |           |                            | Number of Prosecutions. |
|--------------------------------------------------------------------------------------|--------------------|-----------|----------------------------|-------------------------|
|                                                                                      | Found              | Remedied. | Referr'd to H.M. Insp'et'r |                         |
| <i>Nuisances under the Public Health Acts:—*</i>                                     |                    |           |                            |                         |
| Want of Cleanliness ... ..                                                           | 11                 | 11        |                            |                         |
| Want of Ventilation ... ..                                                           |                    |           |                            |                         |
| Overcrowding ... ..                                                                  |                    |           |                            |                         |
| Want of Drainage of Floors ... ..                                                    | 1                  | 1         |                            |                         |
| Other Nuisances ... ..                                                               |                    |           |                            |                         |
| † Sanitary Accommodation—                                                            |                    |           |                            |                         |
| Insufficient ... ..                                                                  |                    |           |                            |                         |
| Unsuitable or Defective ... ..                                                       | 13                 | 13        |                            |                         |
| Not separate for Sexes ... ..                                                        |                    |           |                            |                         |
| <i>Offences under the Factory &amp; Workshop Act:—</i>                               |                    |           |                            |                         |
| Illegal occupation of underground Bakehouse (s. 101) ... ..                          |                    |           |                            |                         |
| Breach of Special Sanitary Requirements for Bakehouses (ss. 97 to 100)               |                    |           |                            |                         |
| Other Offences ... ..                                                                |                    |           |                            |                         |
| (Excluding Offences relating to Outwork which are included in Part 3 of this Report) |                    |           |                            |                         |
| Total .. ..                                                                          | 25                 | 25        |                            |                         |

\* Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

† For Districts not in London, state here whether Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the District Council; and if so, what standard of sufficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

## 3.—OTHER MATTERS.

| Class.                                                                                                                                              | Number. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| MATTERS NOTIFIED TO H.M. INSPECTOR OF FACTORIES :—                                                                                                  |         |
| Failure to affix Abstract of the Factory and Workshop Act (S. 133) ... ..                                                                           |         |
| Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory and Workshop Act (S. 5) { |         |
| Notified by H.M. Inspector ...                                                                                                                      | 3       |
| Reports (of action taken) sent to H.M. Inspector ...                                                                                                | 3       |
| Other ... ..                                                                                                                                        |         |
| UNDERGROUND BAKEHOUSES (S. 101) :—                                                                                                                  |         |
| Certificates granted during the year ... ..                                                                                                         | 1       |
| In Use at the end of the year ... ..                                                                                                                |         |
| HOMEWORK :—                                                                                                                                         |         |
| <i>List of Outworkers*</i> (S. 107) :—                                                                                                              |         |
| Lists received ... ..                                                                                                                               |         |
| Addresses of Outworkers {                                                                                                                           |         |
| forwarded to other Authorities ...                                                                                                                  |         |
| received from other Authorities ...                                                                                                                 |         |
| Inspection of Outworkers' Premises ... ..                                                                                                           |         |
| <i>Homework in Unwholesome or Infected Premises :—</i>                                                                                              |         |
| Notices prohibiting Homework in Unwholesome Premises (S. 108) ... ..                                                                                |         |
| Cases of Infectious Disease notified in Homeworkers' Premises ... ..                                                                                |         |
| Orders prohibiting Homework in Infected Premises (S. 110) ... ..                                                                                    |         |
| WORKSHOPS ON THE REGISTER (S. 131) AT THE END OF THE YEAR :—                                                                                        |         |
| Important Classes of Workshops, such as Workshop Bakehouses, may be enumerated here {                                                               |         |
| Workshops ... ..                                                                                                                                    | 44      |
| Workplaces... ..                                                                                                                                    | 4       |
| Dressmakers ... ..                                                                                                                                  | 18      |
| Bakehouses ... ..                                                                                                                                   | 9       |
| Workshop Laundries ... ..                                                                                                                           | 17      |
| Cottage Laundries... ..                                                                                                                             | 31      |
| Total Number of Workshops on Register ...                                                                                                           | 123     |

\* The Lists should be received twice in the year.

A. SENIOR, *Medical Officer of Health.*





